Question **31**

Answer saved

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Given the following:
Start "outlook"
IF outlook appears THEN
Send an email
Close outlook

- ○ a. 1 test for statement coverage, 1 for branch coverage
- ○ b. 2 tests for statement coverage, 2 for branch coverage
- ◉ c. 1 test for statement coverage, 2 for branch coverage
- ○ d. 1 test for statement coverage. 3 for branch coverage
- ○ e. 2 tests for statement coverage, 3 for branch coverage

Clear my choice

Question **32**

Answer saved

Marked out of 1.00

Error guessing is best used

○ a.   By inexperienced testers

◉ b.   After more formal techniques have been applied

○ c.   As the first approach to deriving test cases

○ d.   Only by end users

○ e.   After the system has gone live

Clear my choice

Question **33**

Answer saved

Marked out of 1.00

Consider the following:
Pick up and read the newspaper
Look at what is on television
If there is a program that you are interested in watching then switch the the television on and watch the program
Otherwise
Continue reading the newspaper
If there is a crossword in the newspaper then try and complete the crossword

- ○ a. 1 test for statement coverage, 2 for decision coverage
- ● b. 2 test for statement coverage, 3 for decision coverage
- ○ c. 2 test for statement coverage, 2 for decision coverage
- ○ d. 1 test for statement coverage, 3 for decision coverage
- ○ e. 1 test for statement coverage, 1 for decision coverage

  Clear my choice

Question **34**

Answer saved

Marked out of 1.00

The place to start if you want a (new) test tool is:

- ○ a.   Find out what your budget would be for the tool
- ● b.   Analyse your needs and requirements
- ○ c.   Attend a tool exhibition
- ○ d.   Search the internet
- ○ e.   Invite a vendor to give a demo

Clear my choice

Question **35**

Answer saved

Marked out of 1.00

When a new testing tool is purchased, it should be used first by:

- ○ a.   A small team to establish the best way to use the tool
- ○ b.   The independent testing team
- ○ c.   The vendor contractor to write the initial scripts
- ○ d.   The managers to see what projects it should be used in
- ● e.   Everyone who may eventually have some use for the tool

Clear my choice

Question **36**

Answer saved

Marked out of 1.00

What can static analysis NOT find?

- ◉ a.   Whether the value stored in a variable is correct
- ○ b.   Array bound violations
- ○ c.   The use of a variable before it has been defined
- ○ d.   The re-definition of a variable before it has been used
- ○ e.   Unreachable ("dead") code

Clear my choice

Question **37**

Answer saved

Marked out of 1.00

Which of the following is NOT a black box technique?

- ○ a.   State transition testing
- ○ b.   Equivalence partitioning
- ○ c.   Boundary value analysis
- ◉ d.   Statement coverage
- ○ e.   Syntax testing

Clear my choice

Question **38**

Answer saved

Marked out of 1.00

Beta testing is:

○ a.   Useful to test bespoke software

◉ b.   Performed by customers at their own site

○ c.   Performed by an independent test team

○ d.   Performed by customers at their software developer's site

○ e.   Performed as early as possible in the lifecycle

Clear my choice

Question **39**

Answer saved

Marked out of 1.00

Given the following types of tool, which tools would typically be used by developers ?

○ a.   test data preparation

○ b.   test management

○ c.   test running

◉ d.   static analysis

○ e.   performance testing

Clear my choice

Question **40**

Answer saved

Marked out of 1.00

The main focus of acceptance testing is:

- ○ a. testing the system with other systems
- ○ b. testing by an independent test team
- ◉ c. testing for a business perspective
- ○ d. ensuring that the system is acceptable to all users
- ○ e. finding faults in the system

Clear my choice

Question **41**

Answer saved

Marked out of 1.00

Which of the following statements about the component testing standard is false?

- ○ a. white box measurement techniques all have an associated test design technique
- ◉ b. black box design techniques all have an associated measurement technique
- ○ c. black box measurement techniques all have an associated test design technique
- ○ d. cyclomatic complexity is not a test measurement technique
- ○ e. white box design techniques all have an associated measurement technique

Clear my choice

Question **42**

Answer saved

Marked out of 1.00

Which of the following statements is NOT true?

- ○ a.   inspection is the most formal review process
- ○ b.   inspection compares documents with predecessor source documents
- ○ c.   inspections should be led by a trained leader
- ○ d.   managers can perform inspections on management documents
- ● e.   inspection is appropriate even when there are no written documents

Clear my choice

Question **43**

Answer saved

Marked out of 1.00

A typical commercial test execution tool would be able to perform all of the following EXCEPT:

- ○ a.   recording test inputs
- ○ b.   replaying inputs according to a programmed script
- ○ c.   comparison of expected outcomes with actual outcomes
- ○ d.   reading test values from a data file
- ◉ e.   generating expected outputs

Clear my choice

Question **44**

Answer saved

Marked out of 1.00

The difference between re-testing and regression testing is

- ◉ a.   re-testing is running a test again; regression testing looks for unexpected side effects
- ○ b.   re-testing uses different environments, regression testing uses the same environment
- ○ c.   re-testing is done after faults are fixed; regression testing is done earlier
- ○ d.   re-testing is done by developers, regression testing is done by independent testers
- ○ e.   re-testing looks for unexpected side effects; regression testing is repeating those tests

Clear my choice

Question **45**

Answer saved

Marked out of 1.00

Expected results are:

- ○ a. only important in system testing
- ◉ b. most useful when specified in advance
- ○ c. never specified in advance
- ○ d. derived from the code
- ○ e. None of the others

    Clear my choice

Question **46**

Answer saved

Marked out of 1.00

Test managers should not:

- ◉ a. re-allocate resource to meet original plans
- ○ b. raise incidents on faults that they have found
- ○ c. provide information for risk analysis and quality improvement
- ○ d. sign the system off for release
- ○ e. report on deviations from the project plan

    Clear my choice

Question **47**

Answer saved

Marked out of 1.00

Unreachable code would best be found using:

- ○ a.   a coverage tool
- ○ b.   code reviews
- ○ c.   code inspections
- ○ d.   a test management tool
- ⦿ e.   a static analysis tool

Clear my choice

Question **48**

Answer saved

Marked out of 1.00

A tool that supports traceability, recording of incidents or scheduling of tests is called:

- ○ a.   a dynamic analysis tool
- ○ b.   a debugging tool
- ⦿ c.   a test management tool
- ○ d.   a configuration management tool
- ○ e.   a test execution tool

Clear my choice

Question **49**

Answer saved

Marked out of 1.00

What information need not be included in a test incident report?

- ○ a. the actual and expected outcomes
- ○ b. severity, priority
- ○ c. how to reproduce the fault
- ● d. how to fix the fault
- ○ e. test environment details

Clear my choice

Question **50**

Answer saved

Marked out of 1.00

Which of the following is NOT part of system testing?

- ● a. top-down integration testing
- ○ b. performance, load and stress testing
- ○ c. usability testing
- ○ d. business process-based testing
- ○ e. requirements-based testing

Clear my choice

Question **51**

Answer saved

Marked out of 1.00

What statement about expected outcomes is FALSE?

- ○ a.   expected outcomes should be predicted before a test is run
- ○ b.   expected outcomes may include timing constraints such as response times
- ◉ c.   expected outcomes are defined by the software's behaviour
- ○ d.   expected outcomes are derived from a specification, not from the code
- ○ e.   expected outcomes include outputs to a screen and changes to files and databases

Clear my choice

Question **52**

Answer saved

Marked out of 1.00

The cost of fixing a fault:

- ○ a.   Is more expensive if found in requirements than functional design
- ○ b.   Can never be determined
- ○ c.   Is not important
- ◉ d.   Increases as we move the product towards live use
- ○ e.   Decreases as we move the product towards live use

Clear my choice

Question **53**

Answer saved

Marked out of 1.00

Which of the following is NOT included in the Test Plan document of the Test Documentation Standard?

- ○ a.   Schedules and deadlines
- ○ b.   Test environments
- ○ c.   What is not to be tested
- ◉ d.   Quality plans
- ○ e.   Test items

Clear my choice

Question **54**

Answer saved

Marked out of 1.00

Could reviews or inspections be considered part of testing?

- ○ a.   Yes, because testing includes all non-constructive activities
- ○ b.   No, because they do not apply to the test documentation
- ○ c.   No, because they apply to development documentation
- ◉ d.   Yes, because both help detect faults and improve quality
- ○ e.   No, because they are normally applied before testing

Clear my choice

Question **55**

Answer saved

Marked out of 1.00

Which of the following is not part of performance testing?

- ⦿ a.   Recovery testing
- ○ b.   Measuring transaction rates
- ○ c.   Measuring response time
- ○ d.   Generating many transactions
- ○ e.   Simulating many users

    Clear my choice

Question **56**

Answer saved

Marked out of 1.00

A thermometer measures temperature in whole degrees only. If the temperature falls below 18 degrees, the heating is switched off. It is switched on again when the temperature reaches 21 degrees. What are the best values in degrees to cover all equivalence partitions?

- ○ a.   17, 18 and19.
- ○ b.   16, 26 and 32.
- ○ c.   18, 20 and22.
- ⦿ d.   15, 19 and 25.

    Clear my choice

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